

Ultra-thin ■ Ultra-light

POWERDEX[®]

LITHIUM BATTERIES



GOULD
Electronics

POWERDEX[®]

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A new dimension in portable power

Powerdex lithium batteries – an ultra-thin, ultra-light power source – bring planar geometry to the contemporary design of electronic equipment. Featuring high energy density, high capacity, a flat discharge profile, and a long shelf life, innovative Powerdex batteries expand the potential of product design and performance.

The exceptionally efficient bipolar cell design and construction of Powerdex batteries ensure a reliable, low resistance connection between cells. The batteries' unique design incorporates both electrical terminals on the same side preventing misalignment and reversal of terminal connection during installation. The lithium manganese dioxide chemistry of Powerdex lithium batteries produces a safe, portable power source.

POWERDEX[®] product line

■ Standard Primary Batteries

Our 3 and 6 volt primary batteries are ideal for low to medium drain applications. We offer a wide range of capacities to meet the needs of today's widely varying product designs. (See product specifications on the following page.)

■ Ultra-thin Batteries

Gould Electronics has developed new ultra-thin batteries – as thin as 1mm or less. These batteries are well suited for OEM applications requiring a power source only a few tenths of a millimeter in height.

■ Rechargeable Batteries

Products are currently under development for low current applications.


■ Customized Batteries

Specific capacities and sizes to fit your application can be accommodated.

Typical applications

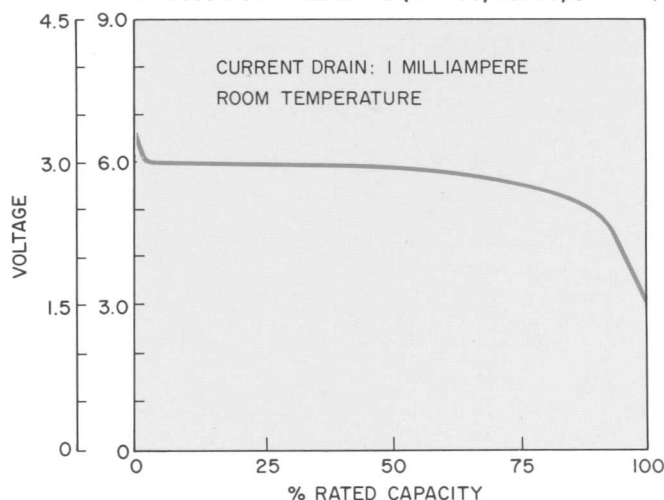
- Portable electronic devices
- IC "smart" cards
- Security cards
- Communication and telecommunication equipment
- Material locating devices

POWERDEX[®] advantages

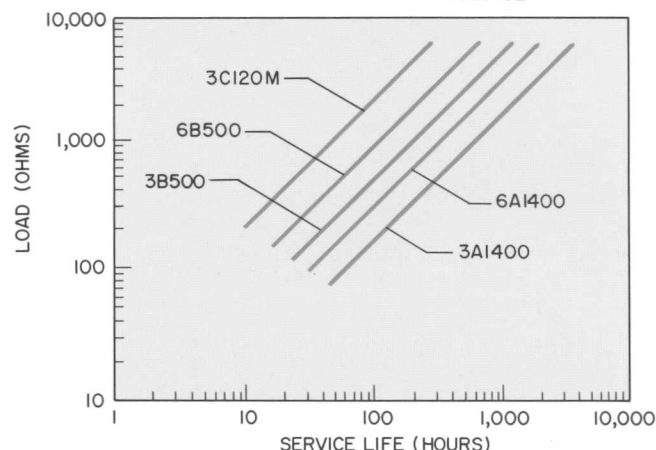
- Planar geometry reduces size and weight of battery
- Flat discharge profile provides extended service life
- Unique same-side or side-tab terminal arrangement
- High energy density
- Long shelf life
-  Underwriters Laboratories Inc. File #MH17761

Performance

TYPICAL CONTINUOUS DISCHARGE CURVE (6A1400, 6B500, 3C120M)



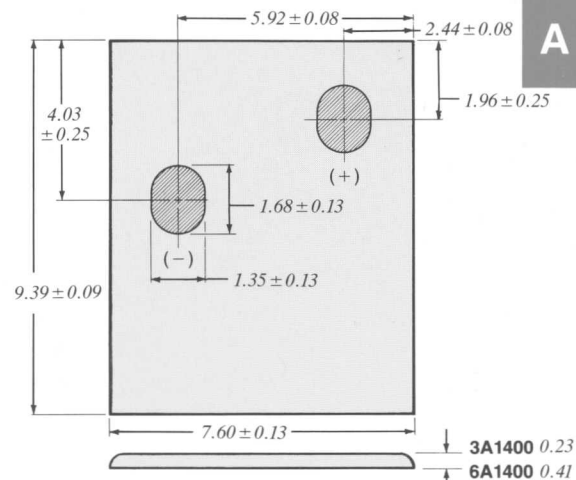
CONTINUOUS DISCHARGE TO HALF OF NOMINAL VOLTAGE



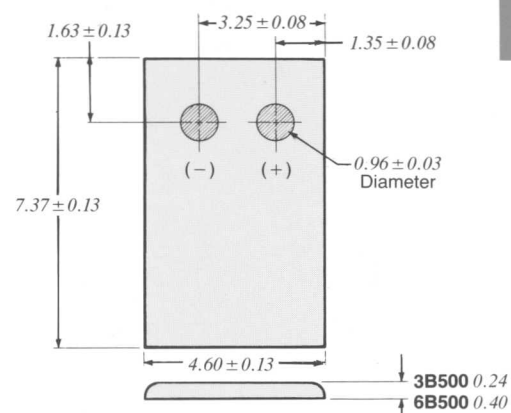


primary battery specifications

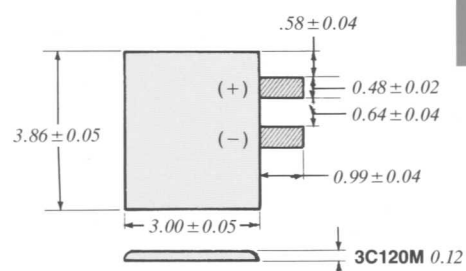
Product Number	3A1400	6A1400
Nominal Voltage (volt)	3.0	6.0
Typical Rated Capacity (mAh)	1400	1400
Standard Dimensions (cm)	H W THK 9.39 x 7.60 x 0.23	H W THK 9.39 x 7.60 x 0.41
Average Weight (grams)	20.2	32.5
Maximum Recommended Current Drain (mA)	125	125



Product Number	3B500	6B500
Nominal Voltage (Volt)	3.0	6.0
Typical Rated Capacity (mAh)	500	500
Standard Dimensions (cm)	H W THK 7.37 x 4.60 x 0.24	H W THK 7.37 x 4.60 x 0.40
Average Weight (grams)	8.5	14.3
Maximum Recommended Current Drain (mA)	50	50



Product Number	3C120M	3CXM
Nominal Voltage (Volt)	3.0	3.0
Typical Rated Capacity (mAh)	120	Customized
Standard Dimensions (cm)	H W THK 3.86 x 3.00 x 0.12	H W THK 3.86 x 3.00 x <1mm
Average Weight (grams)	1.7	—
Maximum Recommended Current Drain (mA)	20	—



Dimensions in centimeters.
Batteries not actual size.